Modeling and Simulation Education

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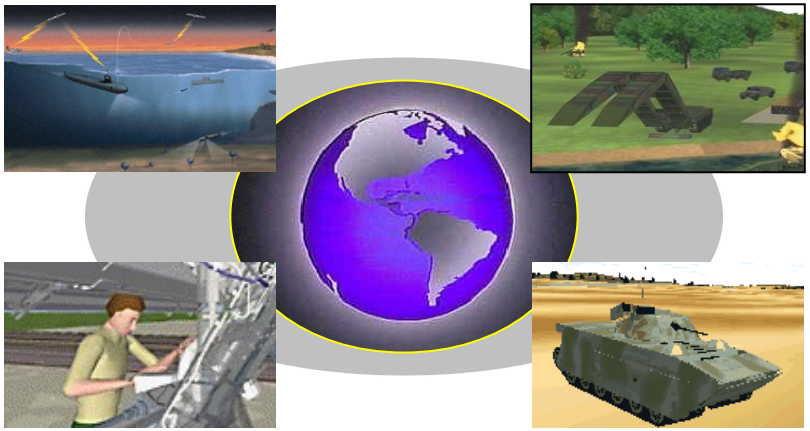
DoD M&S Overview

Objective: ***Enhance the ability of DoD's senior leaders to make well-informed decisions about***

- **Provide a high-level M&S orientation**
- **Provide concentrated M&S information directed at the senior leader's functional area of responsibility**
- **Ensure senior leaders and their staffs know where they can obtain M&S assistance**
- **1-2 hours in length**



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M&S Staff Officer Course (MSSOC)

Objective: ***Provide a broad understanding of DoD M&S terms, concepts, organizations, and issues***

Attendees learn how to:

- **Integrate knowledge of DoD M&S terminology, structure and processes**
- **Apply current and emerging policies, regulations, and technologies to organizational decisions involving M&S**
- **Find DoD M&S resources to solve organizational requirements**
- **4 days in length**

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2001 Schedule

- ***29 Jan - 1 Feb 01***
  Norfolk, VA
- ***26 Feb - 1 Mar 01***
  DMSO, Alexandria, VA
- ***5 Mar - 9 Mar 01***
  KBSC, Seoul, S. Korea
- ***2 Apr - 5 Apr 01***
  DMSO, Alexandria, VA
- ***10 Sep - 13 Sep 01***
  DMSO, Alexandria, VA
- ***5 Nov - 8 Nov 01***
  DMSO, Alexandria, VA
- ***Dec 01***
  Orlando, FL

MSSOC Curriculum

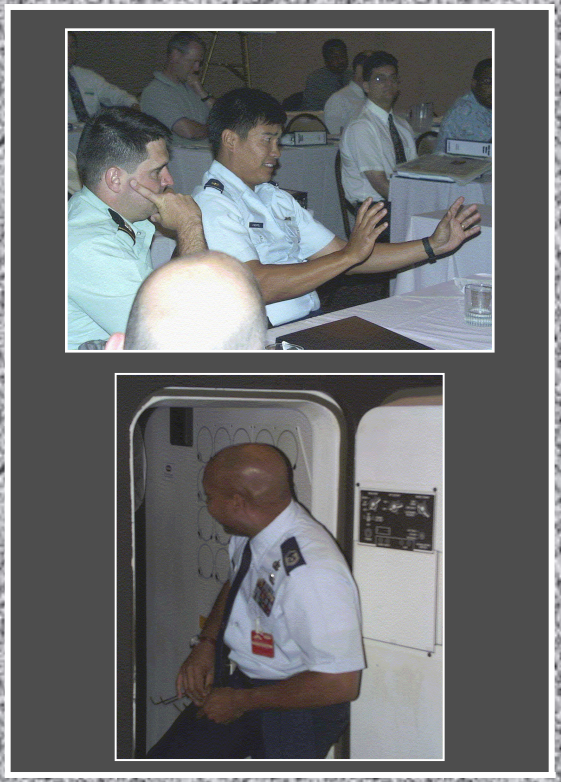
Objective: ***Provide a broad understanding of DoD M&S terms, concepts, organizations, and issues***

Monday

- Introduction
- History of M&S
- M&S Fundamentals
- DoD Strategy
- Data Standards

Tuesday

- FDMS
- HLA
- Intro to Representation
- Environmental Rep
- System Rep
- Human Rep



Guest Speakers
M&S Tour

Wednesday

- M&S in Acquisition
- M&S in Training
- M&S in Analysis
- M&S in Experimentation
- Today's Requirements
- Quantify M&S

Thursday

- VV&A
- Communications Security
- Emerging Technologies
- MSIAC
- Other M&S Ed Programs

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MS 101

Objective: ***Provide "newcomers" with basic M&S knowledge and understanding***

- **Develop familiarity with DoD M&S terminology, structure, and processes**
- **Designed for presentation at conferences and seminars**
- **1/2 day in length**

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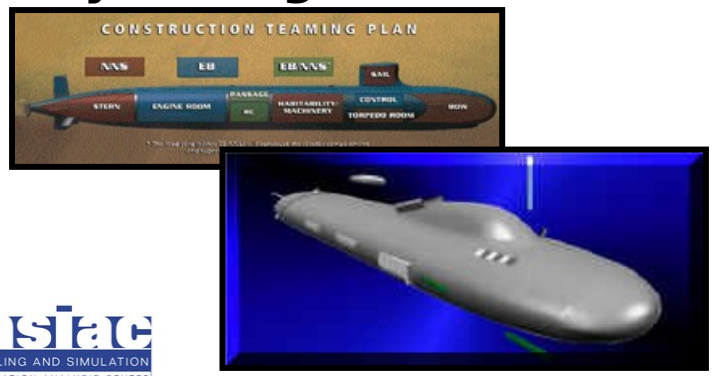
Historically presented at:

- ***Joint Services Integration Group***
- ***USSOCOM***
- ***DMSO Industry Days 99, 00***
- ***I/ITSEC 98, 99, 00***
- ***ITEC Asia 99***
- ***MORSS 00***
- ***Army SSC Fellows (University of Texas)***
- ***White Sands Missile Range***
- ***Naval Postgraduate School***
- ***PMS 529***
- ***MCCDC***
- ***MARCORSYSCOM***
- ***Marine Corps University***
- ***Korea Institute for Defense Analysis***

PMO M&S Workshop

Objective: ***Enable program managers and their staffs to incorporate M&S throughout a***

- **Incorporate DoD M&S policies into systems acquisition programs**
- **Apply basic M&S concepts to acquisition program activities**
- **Find DoD M&S resources and know where to seek help**
- **1 day in length**



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Historically presented at:

- *Service M&S offices*
- *USSOCOM*
- *DMSO Industry Days 00*
- *DLAMP*
- *DSMC*
- *Arnold, Eglin, Hanscom, and Kirtland Air Force Bases*
- *Apache PMO*
- *AAAV PMO*
- *MCCDC*
- *Industry representatives*

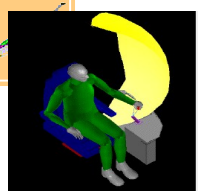
Scheduled for 2001

- *Brooks AFB*
- *TACOM*
- *MARCORSYSCOM*

M&S in Support of RDA Tutorial

Objective: ***Familiarize RDA professionals with the use of M&S throughout a program's life cycle***

- **Incorporate DoD M&S policies into RDA activities and programs**
- **Organize and execute planning activities leading to a program M&S strategy**
- **Apply basic M&S concepts to RDA program activities**
- **Find DoD M&S resources and know where to seek help**
- **2 hours in length**



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Historically presented at:

- ***Defense Leadership and Management Program (DLAMP)***
- ***Industrial College of the Armed Forces (ICAF)***
- ***National Imagery and Mapping Agency (NIMA)***

Computer Assisted Exercise (CAX) Course

Objective: ***Enable warfighters to plan and conduct computer assisted exercises***

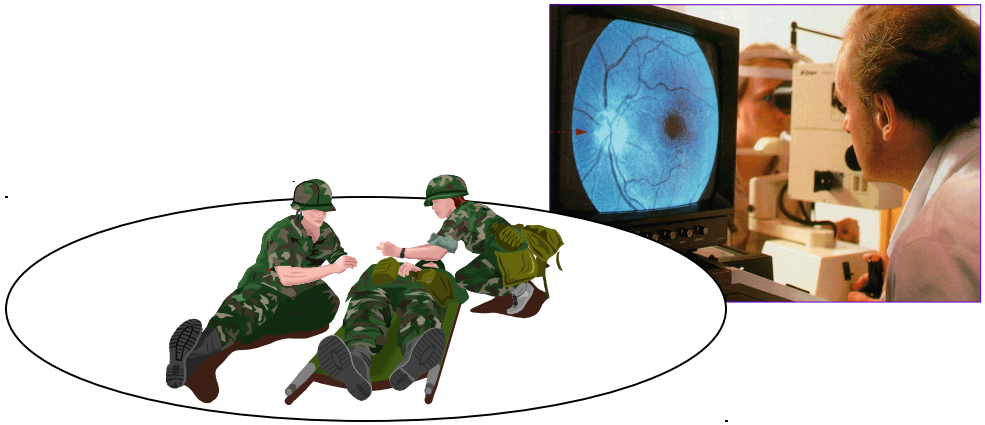
- **Describe CAX and its application to training large staffs**
- **Apply basic concepts to CAX planning activities**
- **Organize and execute planning activities leading to a successful CAX**
- **Find DoD M&S resources and know where to seek help**
- **2 days in Leng**

- ***Conducted Nov 00 at the Swedish International Command (SWEDINT)***
- ***Second presentation scheduled for April 01, with follow-on course scheduled for Sep 01 at SWEDINT***
- ***Attendees included members of 12 PfP nations participating in Exercise Viking 01 IPC***
- ***Available to organizations interested in planning and conducting CAXs***

Medical M&S Course

Objective: ***Familiarize medical professionals with the use of M&S to support the treatment of***

- **Incorporate DoD M&S policies into programs, projects, and activities in the medical field**
- **Apply basic M&S concepts to medical program activities**
- **Find DoD M&S resources and know where to seek help**
- **3 days in length**



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Current Initiatives

Objective: *Create an enhanced range of M&S educational opportunities for a growing audience*

- **Transition to ADL delivery**
- **M&S in Support of Test and Evaluation**
- **PfP CAX Workshop for Ex Viking 01 FPC attendees**
- **M&S education support to the medical community**
- **Support to Navy acquisition**
- **Army FA 57 course support**
- **Support to the international M&S community**

Evolving MSIAC Education Programs